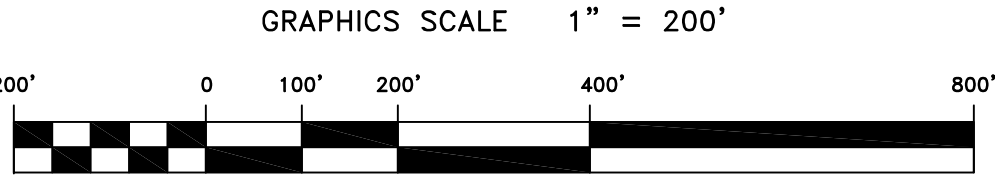


NAD 83 COORDINATES		
CHANNEL PTS.	EAST	NORTH
01	6032128.04	2140003.55
02	6036329.16	2141745.44
03	6036709.40	2142626.22
04	6036578.75	2143114.52
05	6037746.53	2143394.98
06	6037769.84	2143297.74
07	6036701.76	2143041.70
08	6036814.94	2142618.66
09	6036404.72	2141668.51
10	6032166.34	2139911.17

NAD 83 COORDINATES		
CENTERLINE	EAST	NORTH
C1	6032147.19	2139957.36
C2	6036367.03	2141707.01
C3	6036762.19	2142622.36
C4	6036644.72	2143075.27
C5	6037758.19	2143346.36

PRELIMINARY ISSUE
THIS PLAN ISSUED FOR
ADVANCE INFORMATION ONLY

N



NOTES:

DRAWING NOT TO BE USED AS NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY. THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD BUOY LOCATION REPRESENT THE POSITION OF THE SINKER ONLY.

SURVEYED BY THE CORPS OF ENGINEERS, 13 AUGUST 2008

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY. NAVD 88.

PLANE GRID, BEARING AND COORDINATES ARE BASED ON THE STATE OF CALIFORNIA COORDINATE SYSTEM, LAMBERT CONFORMAL PROJECTION, ZONE III NAD 83, CALIFORNIA, AS DESCRIBED IN SPECIAL PUBLICATION NO. 253, PUBLISHED BY NATIONAL OCEAN SURVEY.

HORIZONTAL CONTROL: DESIGNATION, SOURCE, XYZ
COAST GUARD D-BEACON

VERTICAL CONTROL: BENCHMARK, MLLW ELEV., AGENCY
YACHT 1947, USCGS DISK 10.967 OR 10.99 MLLW., NAVD 88
PUBLICATION DATE: 08 MARCH 2004

PROJECT DEPTH IS 15 FEET.



US Army Corps
of Engineers
San Francisco District
1455 Market Street
San Francisco, CA 94103

Mark	Description	Date	Appr.

SUBMITTED:	MC	DESIGNED BY:	CHECKED BY:	DRAWN BY:	
				TVW	EWC
Hydro Survey Team Leader	APPROVAL RECOMMENDED:	DATE:	SHEET NO.	DRAWING NO.	681
APPROVAL RECOMMENDED:		PREPARED UNDER THE DIRECTION OF			
Chief, Technical Support Section		LAURENCE M. FARRELL			
APPROVED:		LT. COLONEL, C.E., DISTRICT ENGINEER			
Chief, Construction Branch					

ALAMEDA COUNTY
BERKELEY MARINA
CONDITION SURVEY
13 AUGUST 2008

Sheet
reference
number

C1